

What is claimed is:

1. A two way mirror suitable for providing alternatively or simultaneously both a conventional reflected image and a video image, said two way mirror comprising, in combination :

- (a) a flat transparent plate;
- (b) a reflective film placed upon a backside of said flat transparent plate;
- (c) a casing mounted to a backside of said flat transparent plate to hold said two way mirror; and
- (d) at least one video display monitor with a built-in light source mounted in and enclosed entirely inside said casing and positioned directly behind said reflective film to receive and display image received from a variety of information sources; whereby said two way mirror functions as an ordinary mirror when said video display monitor is inactivated to turn off the built-in light source while the same functions as a image display when said video display monitor is activated to turn on the built-in light source.

2. The two way mirror of claim 1 wherein said flat transparent plate may be either a glass plate or a plastic plate.

3. The two way mirror of claim 1 wherein said information sources consist of a plurality of input/output devices selected from the group of television, satellite transmission including global positioning system, video cassette recorder, video camera, computer, wireless network, and audio devices.

4. A two way mirror suitable for providing alternatively or simultaneously both a conventional reflected image and a video image, said two way mirror comprising, in combination :

- (a) a flat transparent plate;
- (b) a reflective film placed upon a front side of said flat transparent plate;
- (c) a casing mounted to a backside of said flat transparent plate to hold said two way mirror; and
- (d) at least one video display monitor with a built-in light source mounted in and enclosed entirely inside said casing and positioned directly behind said flat transparent plate to receive and display image received from a variety of information sources; whereby said two way mirror functions as an ordinary mirror when said video display monitor is inactivated to turn off the built-in light source while the same functions as a image display when said video display monitor is activated to turn on the built-in light source.

5. The two way mirror of claim 4 wherein said flat transparent plate may be either a glass plate or a plastic plate.

6. The two way mirror of claim 4 wherein said information sources consist of a plurality of input/output devices selected from the group of television, satellite transmission including global positioning system, video cassette recorder, video camera, computer, wireless network, and audio devices.

7. A two way mirror suitable for providing alternatively or simultaneously both a conventional reflected image and a video image, said two way mirror comprising, in combination :

- (a) a flat translucent plate;
- (b) a casing mounted to a backside of said flat translucent plate to hold said two way mirror; and
- (c) at least one video display monitor with a built-in light source mounted in and enclosed entirely inside said casing and positioned directly behind said flat translucent plate to receive and display image received from a variety of information sources; whereby said two way mirror functions as an ordinary mirror when said video display monitor is inactivated to turn off the built-in light source while the same functions as a image display when said video display monitor is activated to turn on the built-in light source.

8. The two way mirror of claim 7 wherein said flat translucent plate may be either a tinted glass plate or a tinted plastic plate.

9. The two way mirror of claim 7 wherein said information sources consist of a plurality of input/output devices selected from the group of television, satellite transmission including global positioning system, video cassette recorder, video camera, computer, wireless network, and audio devices.

10. A two way mirror suitable for providing alternatively or simultaneously both a conventional reflected image and a video image, said two way mirror comprising, in combination :

- (a) a flat transparent plate;
- (b) a reflective film placed upon a backside of said flat transparent plate;
- (c) a casing mounted to a backside of said flat transparent plate to hold said two way mirror; and
- (d) at least one video display monitor with a built-in light source mounted in said casing and positioned directly behind said reflective film to receive and display image received from a variety of information sources; whereby said two way mirror functions as an ordinary mirror when said video display monitor is inactivated to turn off the built-in light source while the same functions as a image display when

said video display monitor is activated to turn on the
built-in light source.

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